

# STEELS FOR A MODERN AND GROWING UTAH

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Our pioneer forefathers built Utah's first iron-making facility near Cedar City over 100 years ago. The products they made were a few hand-shaped nails and some pots and pans . . . iron to meet the immediate needs of that day.

Today, Utah iron ore, coal and limestone are used at United States Steel's Geneva Works at Provo to make the steel to meet today's needs . . . like the dozen different kinds in the more than 5,200 tons of steel in the new Kennecott Building.

Since the early days of iron making in Southern Utah, steelmakers have developed more than 10,000 different steels and the list is still growing . . . in sizes, strengths and qualities that weren't even dreamed of 100 years ago.

Much of the steel in the Kennecott Building is a strong but unseen servant. Steel piling — 967 tons of it — thrusting deep into the ground supports the building. The inner structure is steel virtually custom-made for strength without excessive weight — three thousand, one hundred tons of it forming the skeleton of the building. Eight hundred tons of steel are in floors and roof decks. There are 100 tons of steel in miscellaneous applications.

And 300 tons of steel rolled at U.S. Steel's Geneva Works were used to make the interior wall sections . . . steel walls with attractive baked enamel surfaces that are designed as a movable partition system for maximum beauty and flexibility in office arrangement.

In this great new building is a reflection of the past and a promise of the future.

Smelting of iron in Utah started more than one hundred years ago with crude, hand-made facilities like this pioneer bee hive coke oven, some 20 miles southwest of Cedar City. Today, some 6,000 Utahns produce high quality steel products.





## Local Innovation Used Extensively in Bank Lobby

Zions First National Bank confirms a pioneering tradition with the selection of a new marble-textured material for its main lobby. A local manufacturing firm, Associated Design Group, developed the Archon technique for simulating marble graining. This unique process results in material stronger than marble and more versatile than nature's own creation.

In Zions lobby, elegant marble tiles radiate in concentric arcs from the center vault — cantilevered steps stretch from landing to landing—handsome molded hoods regally enclose the Teller area — tiles, steps, landings, teller hoods—all precast in Archon marble . . . all contribute to the lobby's striking decor.

## The Uniqueness of Muzak

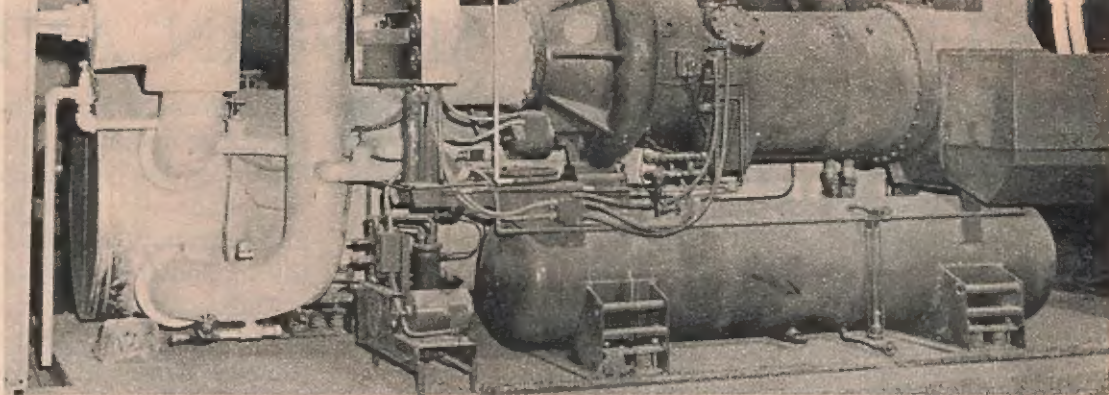
Why Muzak is unlike any other music: By its very nature, entertainment or foreground music commands attention. Since it requires active listening, it is unsuited for functional background use. It tends to disturb concentration and distract people from their work.

Muzak avoids distracting musical devices. Arranged and recorded for use as a tool of functional programming, it never forces itself on the conscious minds of its audience. Muzak is programmed in all banking areas of the Zions First National Bank and in many other public and work areas in the Kennecott Building. The installation was made by Recording Arts, Inc.

## Fine Hardware

Hardware for the new Kennecott Building was furnished by RALPH ANDERSEN CO., 1177 South 2nd West.

The hardware selected by the architect is Corbin



## Copper Opens The Door To Imagination

There's a sparkling new copper landmark on the downtown skyline, the Kennecott Building at South Temple and Main Street. All Kennecott Building plumbing is copper — and the W. B. Johnson Co., mechanical contractor, installed some 125,000 feet or approximately 22 miles of copper pipe (ranging from a quarter-inch to eight inches in diameter) in the sanitary waste, vent and roof drainages, and air conditioning systems. Because there is no time-consuming routine of threading pipes to make connections, all copper soldering plumbing is installed fast and is economical as well.

This building required 850 tons of air conditioning with over 1,300 individual

heating and air conditioning units, and some 75,000 copper fittings.

Kennecott is the only high rise building in Utah where copper has been used throughout. All copper was furnished by Chase Brass Co. (a subsidiary of Kennecott Copper Corp.) York Air Conditioning units are featured in the building.

W. B. Johnson Co., Inc., has been a trusted name in contracting for over half a century. Previous structures they have completed include the Salt Lake Air Terminal Building, Skyline High School, Hillcrest High School, County Detention Home, Ramada Inn, Federal Building in Salt Lake City and Federal Building in Ogden, Utah.